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What is claimed is:

A method of grouping parts in inventory, comprising:
 defining a database for indicating functional relationships between
a plurality of parts; and

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- searching the database to identify one or more groups of functionally interchangeable parts.
 - The method of claim 1, wherein the step of searching includes: repeatedly searching the database to produce a list of parts that can be used interchangeably.
 - 3. A method of generating a list of interchangeable parts, comprising:
 defining a first table identifying a plurality of parts;
 defining a second table, associated with the first table, indicating
 functional relationships between the parts; and
 recursively searching the first and second tables to generate the list
 of interchangeable parts.
- 4. The method of claim 3, further comprising:20 receiving a part identifier.
 - 5. The method of claim 4, wherein the step of recursively searching includes:
- applying the part identifier to the first table to retrieve a functional relationship from the second table, the functional relationship specifying an additional part identifier; and
 - applying the additional part identifier to the first table to retrieve an additional functional relationship from the second table.

- A parts inventory system, comprising: 6.
- a database for indicating functional relationships between a plurality of parts; and

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- a search engine for searching the database to identify one or more 5 groups of functionally interchangeable parts.
 - 7. The parts inventory system of claim 6, wherein the database includes:
 - a first table identifying the parts; and
- 10 a second table, associated with the first table, indicating the functional relationships between the parts.
- The parts inventory system of claim 7, wherein the search engine 8. recursively searches the first and second tables to generate the list of 15 interchangeable parts.
 - The parts inventory system of claim 7, wherein the search engine 9. includes:
- means for applying a part identifier to the first table to retrieve a functional relationship from the second table, the functional relationship 20 specifying an additional part identifier; and
 - means for applying the additional part identifier to the first table to retrieve an additional functional relationship from the second table.

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- 10. The parts inventory system of claim 6, further comprising: an input interface for receiving a part identifier.
- 5 11. The parts inventory system of claim 6, further comprising:
 a network interface permitting remote users to generate a list of interchangeable parts.
 - 12. The parts inventory system of claim 6, further comprising:
 a remote workstation for communicating with the search engine
 over a communication network.
 - 13. A computer program product in a computer-usable medium, comprising:
- means for defining a database for indicating functional relationships between a plurality of parts; and means for searching the database to identify one or more groups of functionally interchangeable parts.
- 20 14. The computer program product of claim 13, wherein the searching means includes:

means for repeatedly searching the database to produce a list of parts that can be used interchangeably.

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15. The computer program product of claim 13, comprising: means for defining a first table identifying the parts; means for defining a second table, associated with the first table, indicating the functional relationships between the parts; and means for recursively searching the first and second tables to generate a list of the interchangeable parts.

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- 16. The computer program product of claim 15, further comprising: mean for applying a part identifier to the first table to retrieve a functional relationship from the second table, the functional relationship specifying an additional part identifier; and
- means for applying the additional part identifier to the first table to retrieve an additional functional relationship from the second table.